

7. Lawrence
OF #19
5/16/03
FINAL

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT application of:

Applicant: James Robert Durrant et al.
Application No.: 09/673,538
Filed: October 17, 2000
Title: BIOCHEMICAL DEVICES AND THEIR METHODS OF MANUFACTURE

Examiner: Lyle A. Alexander
Art Unit: 1743

Attorney Docket No. DYOUP0204US

VIA FACSIMILE (2 Pages)
703-872-9311

REQUEST FOR INTERVIEW

Commissioner for Patents
United States Patent and Trademark Office
Washington, DC 20231

Sir:

Request hereby is made for a telephone interview with the Examiner to discuss the attached DRAFT amendments. The amendments may avoid the need to continue with the appeal pending in this case. The undersigned would appreciate a telephone call from the Examiner to discuss the draft amendments.

Respectfully submitted,

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By



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DRAFT CLAIM AMENDMENTS

Proposal 1

1. A biosensor for detecting an analyte of interest, comprising a surface, a nanocrystalline metal oxide semiconductor film at least partially covering said surface and at least one protein immobilized on at least a portion of said film without the use of non-physiological temperatures, such that the biosensor will detect the analyte.

17. A method of manufacturing a biosensor for detecting an analyte of interest, comprising the steps of covering at least a portion of a surface with a film of a nanocrystalline semiconductor, contacting said preformed film with a protein such as to immobilise said protein on said film without the use of non-physiological temperatures, such that the biosensor will be operative to detect the analyte.

Proposal 2 for claim 1

1. A biosensor for detecting an analyte of interest, comprising a surface, a nanocrystalline metal oxide semiconductor film at least partially covering said surface and at least one protein immobilized on at least a portion of said film, such that the biosensor will detect the analyte, and wherein the at least one protein is temperature sensitive such that it would be deactivated at non-physiological temperatures.

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